

3 Decks. *Rule*

IRON OR STEEL STEAMER.

Received at London Office. THUR. 9 MAR 1899

Date of completion of report

State if Report is also sent on the Machinery of the Vessel *Yes*

Survey held at

Port of

No. 2541

On the

Date First Survey

Last Survey

1899

TONNAGE under

CLASS *100A/Steel*Master *Richard Care*

Year of appointment

(1) As Master in service of owner of present vessel. 1899
(2) As Master of this vessel. 1899

Built at

When built

By whom built

Owners

Managers

(Where necessary to be entered in Reg. Book.)

Residence *47, Gadenhall St. London.*

Port belonging to

Do. of Poop

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Gross Tonnage

Less Crew Space

Less above Crown of

TONNAGE FOR FEES..

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

Half Breadth (moulded)

Depth from upper part of Keel to top of Upper Deck Beams

Girth of Half Midship Frame (as per Rule)

1st Number

Length on deck from after part of stem to fore part of stern post

2nd Number

Proportions—Breadth to Length

Depth to Length—Upper Deck to top of Keel

Main Deck ditto

Destined Voyage

If Surveyed while Building Afloat, or in Dry Dock *Yes*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH — Moulded	Feet.	Inches.	DEPTH, ACTUAL —Top of Floor to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
	337	2		45	9 $\frac{1}{2}$	Do. do. do. do. Main Dk. Beams	24	4 $\frac{1}{2}$	one
							16	8 $\frac{1}{2}$	No. of Tiers of Beams 2 <i>Double frames</i>
Dimensions of Ship per Register, Length 339' breadth 46' depth 24' Moulded depth, ft. 24 ins. 3' To Upper Dk. Round of Upper Dk. Beam. Actual // ins.									

FRAMING.	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule	Inches per Rule	20ths per Rule	FORGINGS or CASTINGS.	Inches in Ship.	Inches per Rule.
FRAME, Angles, or \angle E or \angle Bars for $\frac{1}{2}$ length amidships	6	3.2	10	6	3.2	10	KEEL, Bar or Side Plates, depth and thickness	11.2.2.2	11.2.2.2
Do. for $\frac{1}{2}$ at each end	6	3.2	9	6	3.2	9	STEM, moulding and thickness	11.6.2	11.6.2
Do. in way of Double Bottoms at Solid Floors	3.2	3.2	8	3.2	3.2	8	STERN-POST for Rudder do. do.	11.6.2	11.6.2
" " at intermdt. Bkts.							" for Propeller	9	9
Distance of Frames from moulding edge to moulding edge, all fore and aft	24		24				MAIN PIECE of Rudder, diameter at head	4.2	4.2
EVERSED FRAME, Angles <i>On plates 4.2.3.2</i>	16.2	3.2	10	6.2	3.2	10	" do. at heel	4.2	4.2
DEEP FRAMING, depth of girder	9.2		9.2				RUDDER, how constructed <i>Iron forging, Plated in usual way</i>		
LOOKS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships							Can the Rudder be unshipped afloat? <i>Yes</i>		
" in way of Engines and Boilers							KEELSONS & STRINGERS.		
" thickness at the ends of vessel							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		
" depth at $\frac{1}{2}$ the half breadth, as per Rule							" Rider Plate		
" height extended at the Bilges							" Bulb Plate to Intercoastal Keelson		
LOOKS & BRACKETS in Cell Dble Bottoms	4.2		8	4.2		8	" Horizontal Plates on Floors		
" Distance apart	24		24				" Angles		
ENTRE GIRDER, in Double bottom, depth and thickness	4.2		10	4.2		10	SIDE KEELSON, Angles		
" Angles, Top	4	4	9	4	4	9	" Bulb or Plate above floors, for lng.		
" Bottom	6.2	4.2	9	6.2	4.2	9	" Intercoastal Plate, for length		
IDE GIRDERS, number on each side & thickness	3.2	3.2	8	3.2	3.2	8	" Attached to outside Plating with Angle		
" Angles	3.2	3.2	8	3.2	3.2	8	BILGE KEELSON, Angles		
MARGIN PLATE, depth (exclusive of flange) and thickness	3.2		8	3.2		8	" Bulb or Plate above floors, for lng.		
" Angles to Outside Plating	4	4	9	4	4	9	" Intercoastal Plate for length		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	5.4		10	5.4		10	" Attached to outside Plating with Angle		
" " in Engine and Boiler space			8	9.2		8.2	BILGE STRINGER Angles		
" " Remainder in Holds			8	7		8.2	" Bulb Plate for length		
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate or Tee Bulb	8.2	3	11	8.2	3	11	" Intercoastal Plate for length		
" Angles on upper edge	24		24				" Attached to outside Plating with Angle		
" Average space	4.2		4.2				SIDE STRINGERS Angles	6.2	4.2
BEAMS, Middle Deck, Single Angle, Bulb, Angle, Plate or Tee Bulb	3.2	3.2	8	3.2	3.2	8	" Bulb or Intercoastal Plate, for whole lng.	21	11
" Angles on upper edge	4.2		4.2				" Attached to outside plating with Angle	3.2	3.2
" Average space							Upper Deck Stringer Plates, br'dth & thickness	4.2	10
BEAMS, Lower Deck, Single Angle, Bulb, Angle, Plate or Tee Bulb							" Angle on ditto	4.2	4.2
" Angles on upper edge							" Tie Plates fore and aft, outside Hatchways	4.2	4.2
" Average space							" Deck. Iron or Steel, for whole lng.	2.2	2.2
" Hold, or Orlop, Plate or Tee Bulb							" Wood Deck. Material & thickness <i>none</i>		
" Angles on upper edge							Middle Deck Stringer Plate, br'dth & thickness	5.8	12
" Average space							" Angles on ditto, No. <i>10</i>	4.2	4.2
Poof Deck, Angle, Bulb Angle, Plate or Tee Bulb	6.2	3	8	6.2	3	8	" Tie Plates outside Hatchways	14	14
" Angles on upper edge	24		24				" Diagonal Tie Plates on Bms, No. of prs.		
" Average space							" Deck. Iron or Steel, for lng.		
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	6.2	3	8	6.2	3	8	" Wood Deck. Material & thickness		
" Angles on upper edge	24		24				Lower Deck Stringer Plate, br'dth & thickness		
" Average space							" Angles on ditto, No.		
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9		8	9		8	" Tie Plates, outside Hatchways		
" Angles on upper edge	3.2	3	7	3.2	3	7	" Deck. Material and thickness		
" Average space	4.2		4.2				Hold, or Orlop Stringer Plate, br'dth & thckn's		
LARS, In 'tween Deck, size and spacing	2.2	as Rule	2.2				" Angles on ditto, No.		
" " Hold	4	as Rule	4				" Tie Plates outside Hatchways		
" " Quarter 'tween Dks.,	2.2	as Rule	2.2				" Deck. Material and thickness		
" " in Hold	4	as Rule	4				Poof Deck Stringer Plate, breadth & thickness	2.2	7
WEB-FRAMES, In Fore Body, No. and spacing							" Angle on ditto	3.2	3
" " br'dth. & thickness							" Tie Plates	3.2	3
" " No. of Side Stringers							" Deck. Material and thickness	5.2	5.2
WEB-FRAMES, In E. & B. Space, No. & spacing							Bridge Deck Stringer Plate, br'dth & thickness	4.2	8
" " br'dth. & thickness							" Angle on ditto	3.2	3
" " No. of Side Stringers							" Tie Plates	3.2	3
WEB-FRAMES, In After Body, No. and spacing							" Deck. Material and thickness	5.2	5.2
" " br'dth. & thickness							Forecastle Deck Stringer Plate, b'dth & th'kns	2.2	7
" " No. of Side Stringers							" Angle on ditto	3.2	3
" " Size of Angles or Tee Bars to Web-Frames							" Tie Plates	3.2	3
BRACKET PLATES to Stringers between Web Frames, depth and thickness							" Deck. Material and thickness	Yellow Pine 3	3
							BULKHEADS.		
							Number.		
							In Vessel.		
							Per Rule.		
							Thickness.		
							STIFFENERS.		
							Horizontal.		
							Size.		
							Spacing.		
							Vertical.		
							Size.		
							Spacing.		
							Single or Double Frames.		
							Height up.		
							W. T. BULKHEADS		
							PARTITION		
							LONGITUDINAL		
							Are the outside Plates doubled two spaces of Frames in length?		
							Are the Sluice Valves and Watertight Doors in efficient working order?		

[illegible]

Correspondence.—State dates and initials of letters referring this case (Reference should be made to correspondence connected with this case)

May 28th (M). October 6th 1898 (E)

Workmanship. Are the butts of plating planed or otherwise fitted? Planed

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Yes Do any rivets break into or through the seams or butts of plating? A few at the butts only

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? Yes State results of tests Satisfactory

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Yes State results of tests Satisfactory

General Remarks (State quality of workmanship, &c.) This steel screw steamer has been built in accordance with the approved plans of Midships Section and Profile as amended, the Secretary's letters of the above-mentioned dates bearing upon the case and in other respects as required by the Rules and Circulars for the Class contemplated. The workmanship is good throughout.

The Bow Anchor is Harborthornes Patent-Stockless and the cast-steel parts of same have been subjected to drop and mechanical tests at Lupton by Mr. C. B. Brown.

She has a Bilge Keel formed of bull-9 x 3/4 and angles 3 1/2 x 3 1/2 x 3/4 fitted for a length of about one hundred and twenty feet.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.Q.D. or Break ✓ ft., Bridge Dk. 90 ft., F'castle 33 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated. ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book). 1 AX (cellarion) Two tiers of Beams and Deep Framing.

Official No. 110071; Signal Letters ✓

How are the surfaces preserved from oxidation? Inside Portland cement & paint. Outside Paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where fitted.	Length.		Water Capacity.	Where fitted.	Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	<u>110</u>	<u>291</u>		Fore peak tank,	<u>21</u>	<u>104</u>	
Double bottom, under Engines and Boilers,	<u>24</u>	<u>78</u>		After peak tank,	<u>14</u>	<u>80</u>	
Double bottom, if under Engines only,	<u>✓</u>	<u>✓</u>		Midship deep tank,	<u>✓</u>	<u>✓</u>	
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>		Other tank, if fitted,	<u>✓</u>	<u>✓</u>	
Double bottom, forward,	<u>146</u>	<u>438</u>		(If necessary, furnish further information by sketch.)	<u>✓</u>	<u>✓</u>	

* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 400

Date 1-6-98

No. 501 in builder's yard.

Dates of Surveys held while building

1898 Sept. 11 19 21 23 24 27 29 Oct. 3 5 7 9 11 14 19 21 22 29 Nov. 1 2 5 8 14 17 19 22 24 26 30 Dec. 2 5 8 12 14 15 19 22 24 27 29 1899 Jan. 5 7 11 16 19 21 24 28 31 Feb. 2 7 9 13 17 20 22 23 24 27 28

Total No. of Visits 59

The amount of Entry Fee.....£ 5 : 0 : 0.

Special Survey Fee 104 : 16 : 6

Travelling Expenses, if any £ - : - : -

Fees applied for, 8.3 1899

Received by me, RWS

Certificate to be sent to

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100A Steel L & R.C.P.

With, or without Freeboard, as condition of Class 3 DR Rule.

Surveyor to Lloyd's Register of British and Foreign Shipping. James Williams.

Committee's Minute FRI. 10 MAR 1899

Character assigned Latol + Line 2, ga

100A Steel Latol

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1899

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